

ABSTRACT

The present invention relates to a method for recording a bar code, which consists of a plurality of parallel lines of varying thickness. The method comprises
5 the steps of

- a) capturing, by means of a reading device, a sequence of two-dimensional images of at least portions of the bar code during moving of the reading device across the same;
 - 10 b) detecting the edges of the bar code in at least a subset of the images;
 - c) determining, for the edges of at least a subset of the detected images, possible displacements in relation to the edges of a preceding image;
 - 15 d) determining the most probable sequence of displacements for the sequence of images; and
 - e) reconstructing the bar code by means of said sequence of images and said most probable sequence of displacements.
- 20 This method allows reliable detection of bar codes of arbitrary length and production of a bar code reader at a low cost.

Elected for publication: Figs 8a, 8b